



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)

BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474

T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/pera/

Weather Shield Manufacturing, Inc.

One Weather Shield Plaza, P. O. Box 309

Medford, WI 54451-0309

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Legacy" Aluminum Clad Wood Fixed Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. **1071**, titled "Legacy Aluminum Clad Wood Fixed Casement Impact Window", sheets 1 through 4 of 4, dated 03/21/02, prepared by W. W. Schaefer Engineering & Consulting, P.A., with revision "C1" dated 11/01/11, signed and sealed by Warren W. Schaefer, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and Expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/ series and following statement: "Miami-Dade County Product Control Approved" unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises** NOA No. **07-1203.12** and consists of this page 1, evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



J. Gascon
1/10/12

NOA No. 11-1108.07

Expiration Date: February 13, 2013

Approval Date: January 26, 2012

Page 1

Weather Shield Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA's No.'s 05-0420.04 and 02-1018.10)
2. Drawing No. **1071**, titled "Legacy Aluminum Clad Wood Fixed Casement Impact Window", sheets 1 through 4 of 4, dated 03/21/02, prepared by W. W. Schaefer Engineering & Consulting, P.A., with revision "C1" dated 11/01/11, signed and sealed by Warren W. Schaefer, P. E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of aluminum clad wood casement picture window, prepared by Stork Twin City Testing Corporation, Test Report No. **TCTC-180-6892**, dated 12/07/04, signed and sealed by Thomas Allan Kolden, P. E.
(Submitted under previous NOA No. 05-0420.04)
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum clad wood fixed casement window, prepared by Hurricane Test Laboratory, LLC, Test Reports No.'s **HTL 0037-0205-01**, and **HTL 0037-0106-02**, dated 01/08 and 02/07/01, all signed and sealed by Vinu J. Abraham, P. E.
(Submitted under previous NOA No. 02-1018.10)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, dated 02/07/08 complying with FBC-2004 and FBC-2007, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P. E.
(Submitted under previous NOA No. 07-1203.12)
2. **Glazing complies with ASTM E1300-04**



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 11-1108.07
Expiration Date: February 13, 2013
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Weather Shield Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. **08-0206.01** issued to **Solutia, Inc.** for their "**Saflex HP Glass Interlayer**" dated 04/17/08, expiring on 04/14/13
3. Notice of Acceptance No. **11-0325.05** issued to **Solutia, Inc.** for their "**Saflex - Clear or colored Interlayer**" dated 04/21/11, expiring on 04/21/16.

F. STATEMENTS

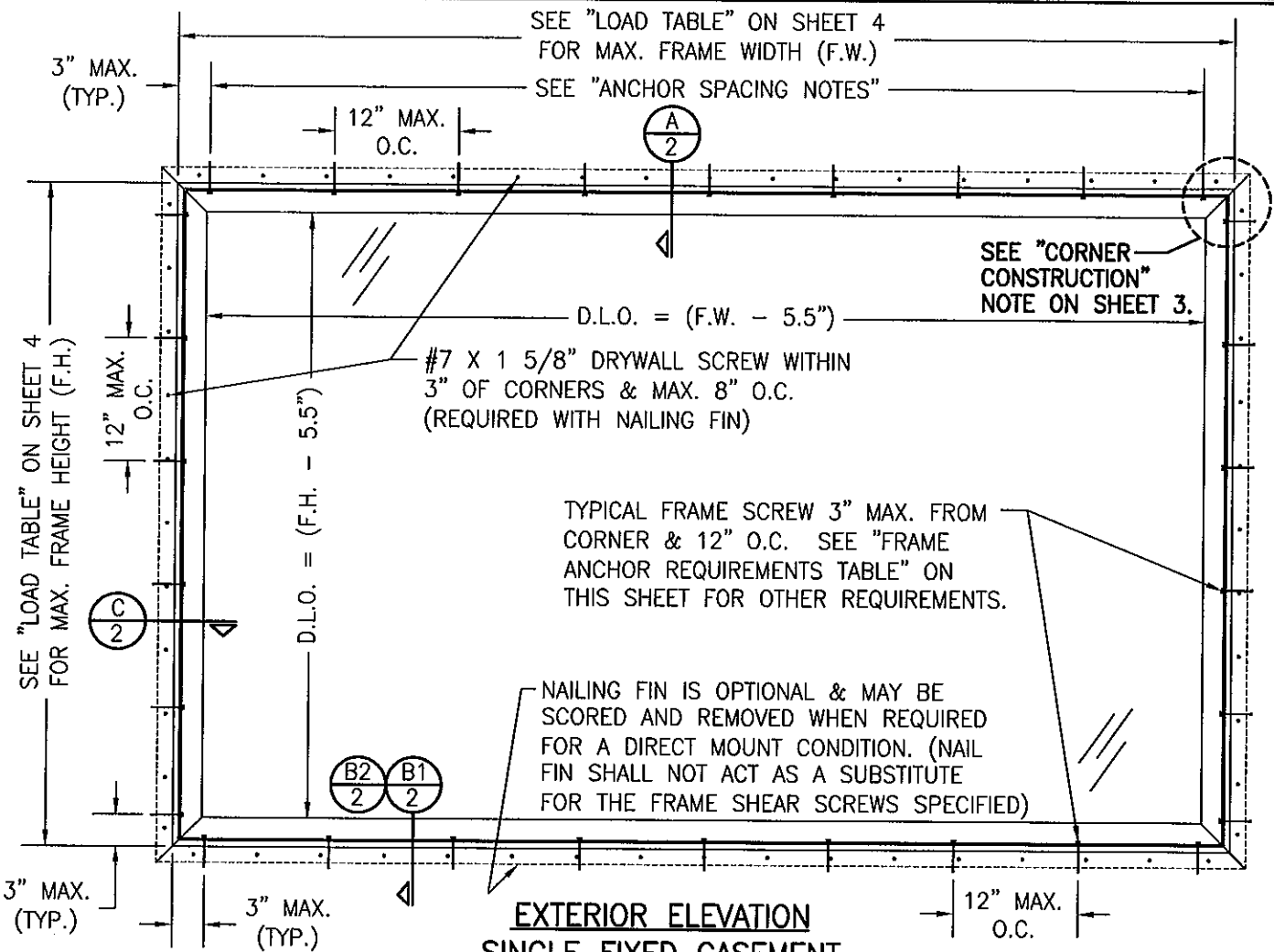
1. Statement letter of conformance and compliance with the FBC-2007 and FBC-2010, dated 11/02/11, signed and sealed by Warren W. Schaefer, P. E.
2. Statement letter of no financial interest and independence, dated 10/24/11, signed and sealed by Warren W. Schaefer, P. E.
3. Statement letters of no financial interest and compliance with the FBC-2007, dated 04/14/08, all signed and sealed by Warren W. Schaefer, P. E.
(Submitted under previous NOA No. 07-1203.12)
4. Statement letter of conformance, dated 02/07/08, signed and sealed by Warren Schaefer, P. E.
(Submitted under previous NOA No. 07-1203.12)
5. Laboratory compliance letters for Test Report No. **TCTC-180-6892**, issued by Stork Twin City Testing Corporation, dated 12/07/04, signed and sealed by Thomas Allan Kolden, P. E.
(Submitted under previous NOA No. 05-0420.04)
6. Laboratory compliance letters for Test Reports No.'s **HTL 0037-0205-01** and **HTL 0037-0106-02**, issued by Hurricane Test Laboratory, LLC, dated 01/08 and 02/07/01, signed and sealed by Vinu J. Abraham, P. E.
(Submitted under previous NOA No. 02-1018.10)

G. OTHERS

1. Notice of Acceptance No. **07-1203.12**, issued to Weather Shield Manufacturing, Inc. for their Series "Legacy Aluminum Clad Wood Fixed Window - L.M.I." approved on 03/06/08 and expiring on 02/13/13.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 11-1108.07
Expiration Date: February 13, 2013
Approval Date: January 26, 2012



**EXTERIOR ELEVATION
SINGLE FIXED CASEMENT**

SCALE: 3/4" = 1'-0"

GENERAL NOTES:

1. THESE WINDOW SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT WINDOWS.
5. THESE WINDOW SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE WINDOWS.
7. ALL ANCHORS SECURING WINDOW FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF $K_d = 0.85$ MAY BE APPLIED PER THE ASCE-7 STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR $C_d = 1.6$ WAS USED FOR WOOD SCREW ANALYSIS ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.
11. ALL WOOD MEMBERS OF WINDOWS THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC SECTION 2326.

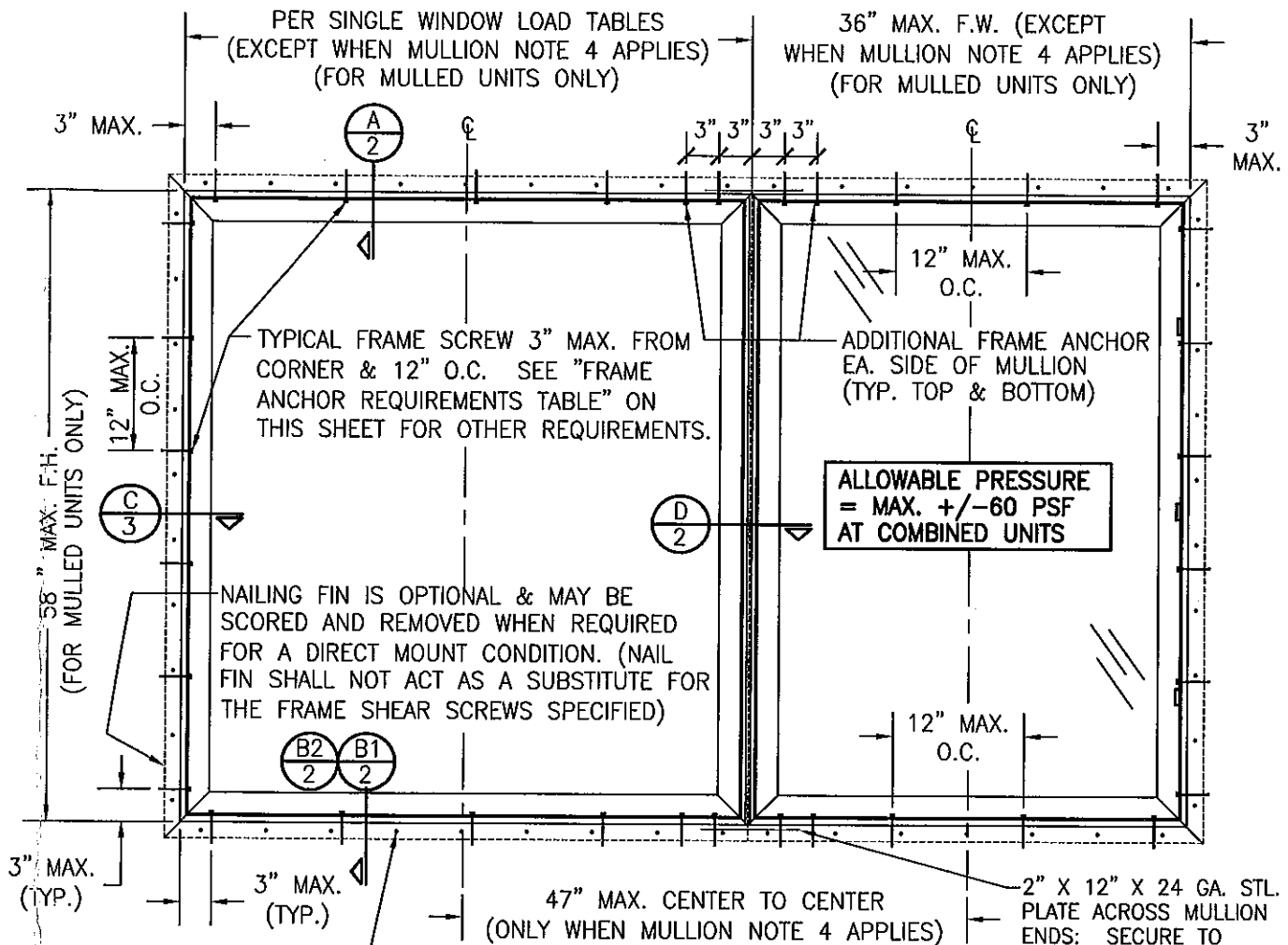
FRAME ANCHOR REQUIREMENTS TABLE

FRAME SCREWS

OPENING TYPE (SUBSTRATE)	FRAME TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 3/8"	1"
MIN. C-90 CMU OR 2500 PSI CONCRETE	(1) 3/16" CONCRETE SCREW	1 1/4"	2"

(1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS, ITW RAMSET/RED HEAD TAPCONS OR HILTI KWIK-CON II (HARDENED STEEL OR S.S.).

FOR ALLOWABLE
DESIGN WIND
PRESSURE ON
SINGLE WINDOWS,
SEE LOAD TABLES
ON SHEET 4.



**EXTERIOR ELEVATION
MULTIPLE FIXED CASEMENTS
(MAX. FOUR UNITS MAY BE COMBINED)**

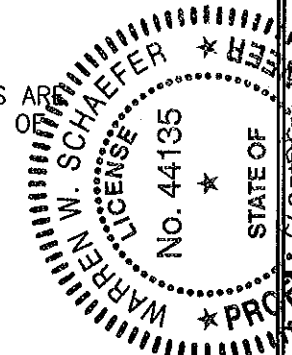
SEE OTHER ELEVATIONS FOR DETAIL NOT SHOWN

SCALE: 3/4" = 1'-0"

MULTIPLE UNIT NOTES:

1. THE MAXIMUM ALLOWABLE PRESSURE FOR A COMBINED UNIT IS RESTRICTED BY THE LESSER OF THE INDIVIDUAL WINDOW ALLOWABLE PRESSURE OR +/-60 PSF UNLESS A CLIPPED MULLION IS USED PER WEATHER SHIELD'S MULLION APPROVAL.
2. WHEN BOTH WINDOW WIDTHS ARE 32" OR LESS, THE MULLION SPAN (WINDOW HEIGHT) MAY BE INCREASED TO 72" AND THE ALLOWABLE PRESSURE MAY BE INCREASED TO +60/-75 PSF.
3. FOR CLIPPED MULLION COMBINATIONS, SEE DRAWINGS NO. M96-05 & M96-06 UNDER SEPERATE APPROVAL.
4. ONE OF THE TWO WINDOWS SUPPORTED BY THE MULLION MAY BE WIDER THAN 58" WHEN THE OPPOSITE WINDOW IS 36" WIDE OR LESS. WHEN BOTH WINDOWS ARE LESS THAN 58" WIDE, THE CENTER LINE TO CENTERLINE DIMENSION RESTRICTION OF 47" SHOWN SHALL APPLY & THEREBY RESTRICT THE WIDTH OF BOTH WINDOWS.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1108-07
Expiration Date 02/13/2013
By [Signature]
Miami Made Product Control



THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

DRAWN BY: J.C.F. CHECKED BY: W.W.S.
PLOT: 1-16 DATE: 03/21/02

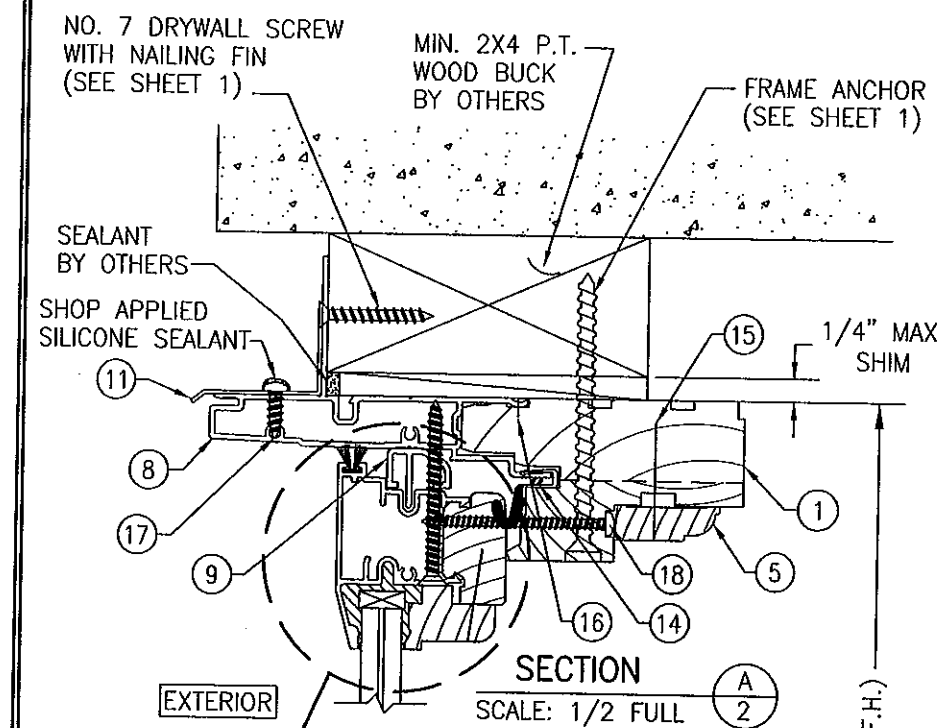
NO.	REVISION	DESCRIPTION	DATE
A1	ADDED NEW GLASS & GLAZING		
A2	UPDATE LOAD TABLES TO ASTM E1300-02		
B1	UPDATE GENERAL NOTES		
C1	UPDATE TO CURRENT STANDARDS		

LEGACY ALUMINUM CLAD WOOD FIXED CASEMENT IMPACT WINDOW

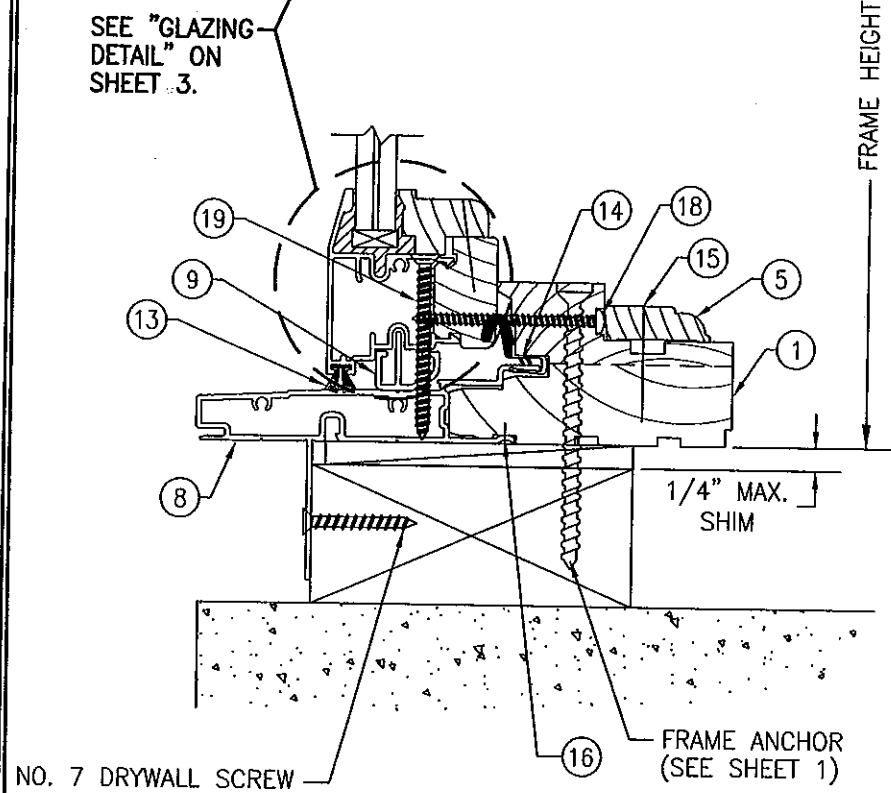
CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

MANUFACTURER
WEATHER SHIELD WINDOWS & DOORS
ONE WEATHER SHIELD PLAZA
MEDFORD, WI 54451
715-748-6555

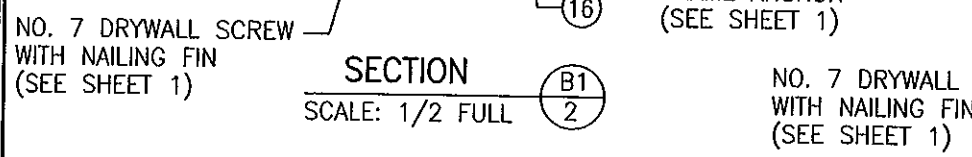
DRAWING NO. 1071 REV. C
SHEET NO. 1 OF 4



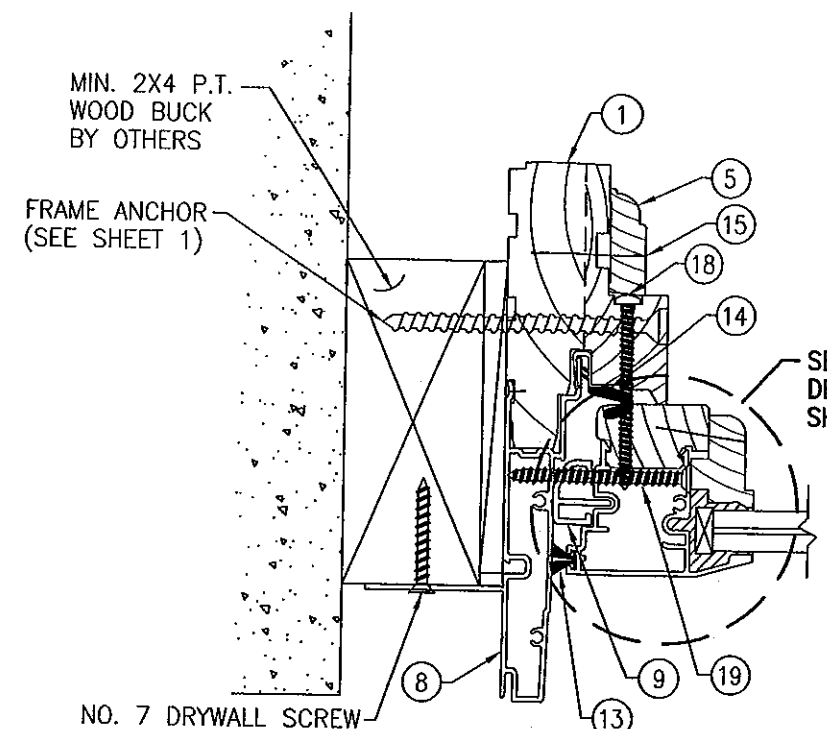
SECTION A
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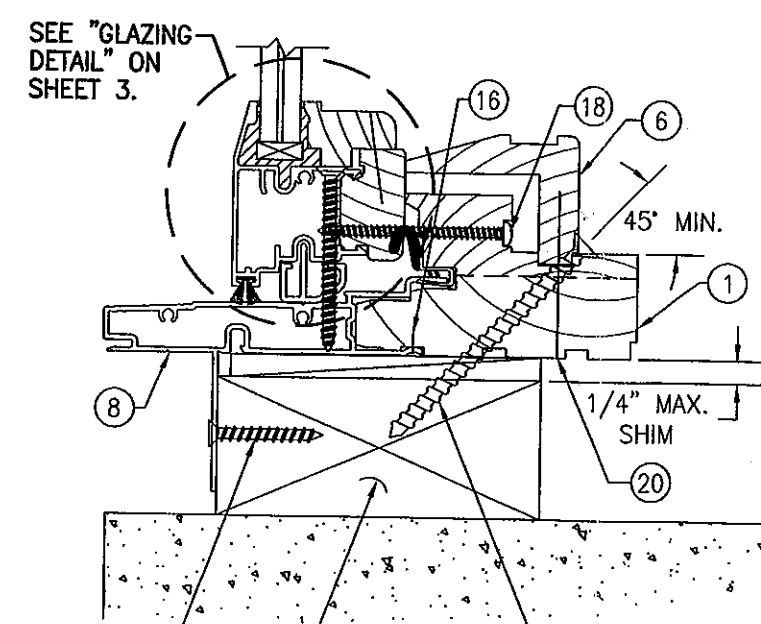
SECTION B1
SCALE: 1/2 FULL



SECTION B2
SCALE: 1/2 FULL

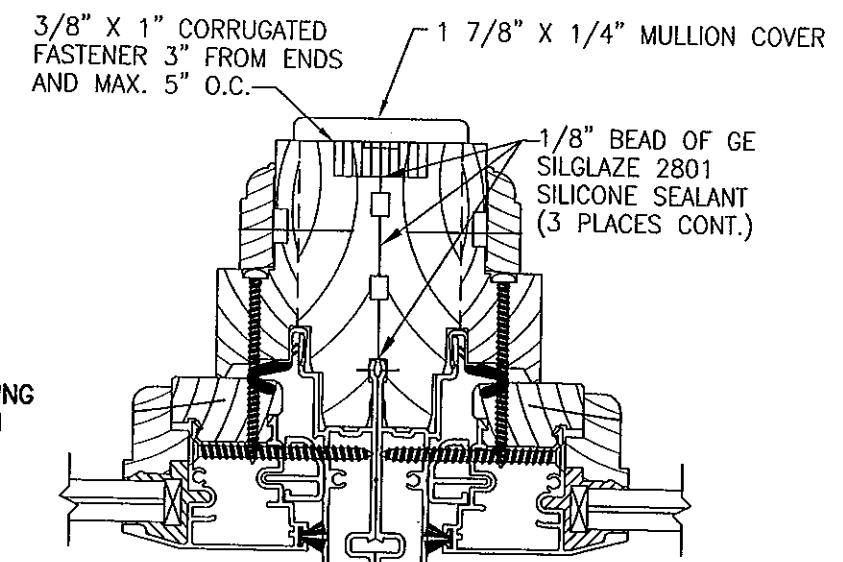


SECTION C
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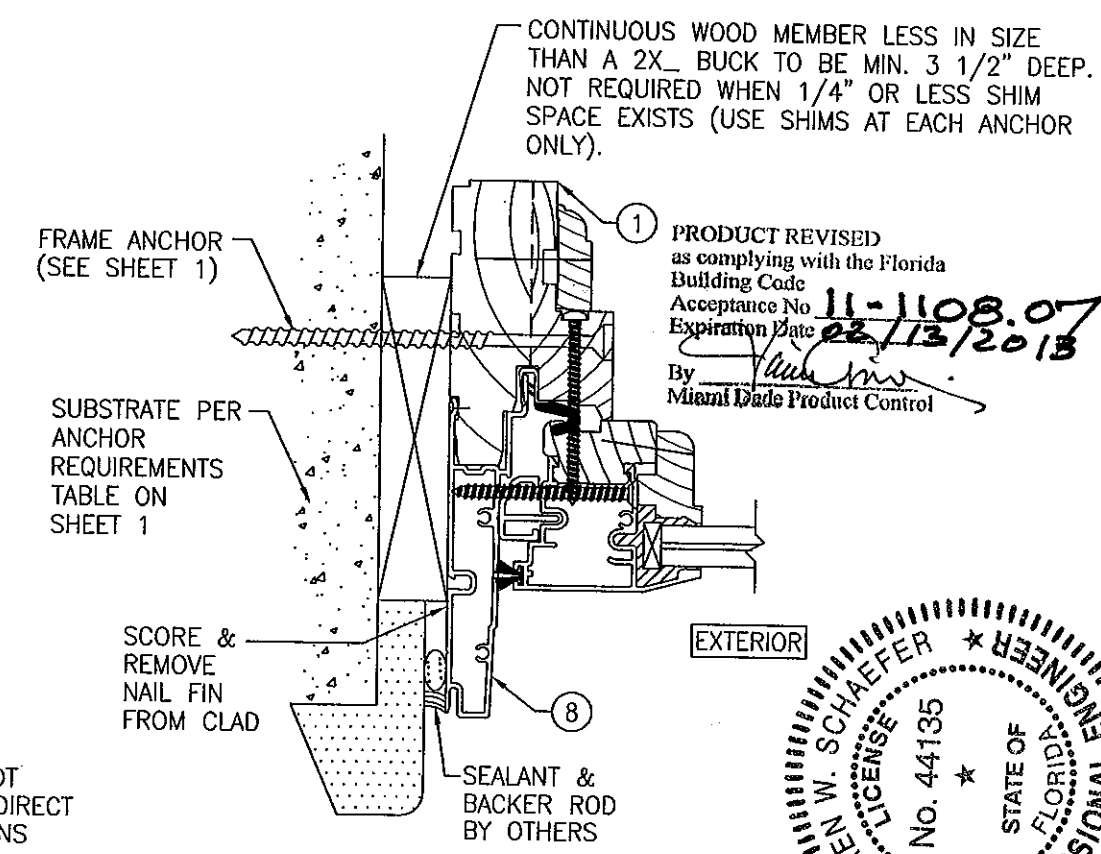
SECTION B2
SCALE: 1/2 FULL

(OPTIONAL COVER & FRAME FASTENER)
(AT SILL ONLY)

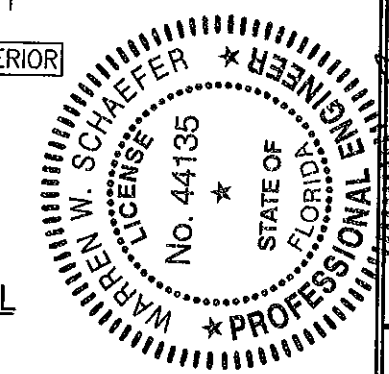


SECTION D
SCALE: 1/2 FULL

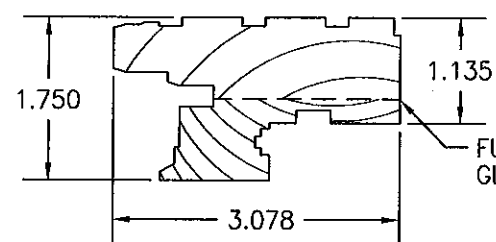
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS.



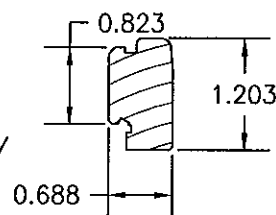
OPTIONAL DIRECT MOUNT DETAIL
(TYPICAL ALL SIDES)
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS.



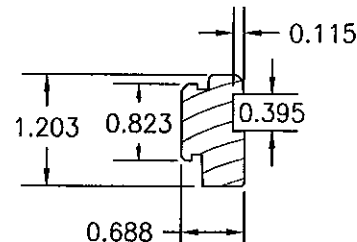
DRAWING TITLE		LEGACY ALUMINUM CLAD WOOD FIXED CASEMENT IMPACT WINDOW	
CONSULTANTS		W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)	
MANUFACTURER		WEATHER SHIELD WINDOWS & DOORS	
DRAWING NO.		1071	
SHEET NO.		2 OF 4	
REV.		C	
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REVISION DESCRIPTION			
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CHECKED BY:		W.W.S.	
PLOT:		1=2	
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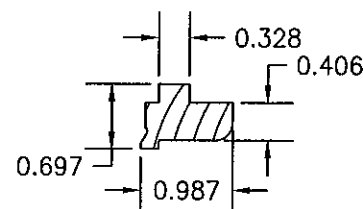
① HEAD, SILL & SIDE JAMB



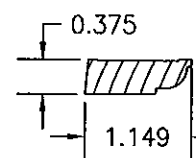
② RAIL



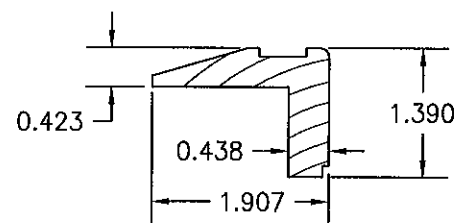
③ STILE



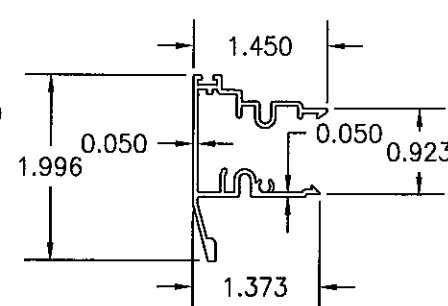
④ GLAZING STOP



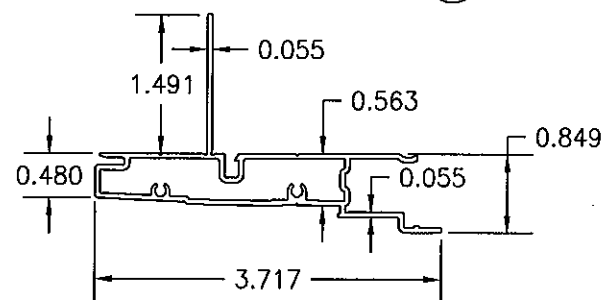
⑤ COVER



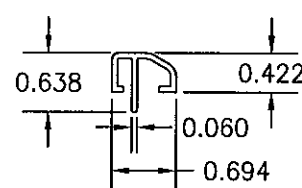
⑥ OPTIONAL COVER



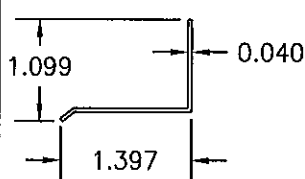
⑦ SASH CLADDING



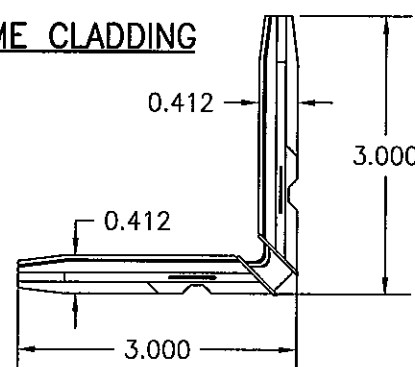
⑨ SASH SUPPORT BLOCK



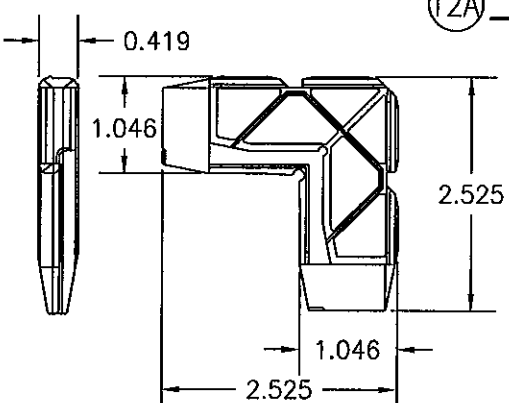
⑧ FRAME CLADDING



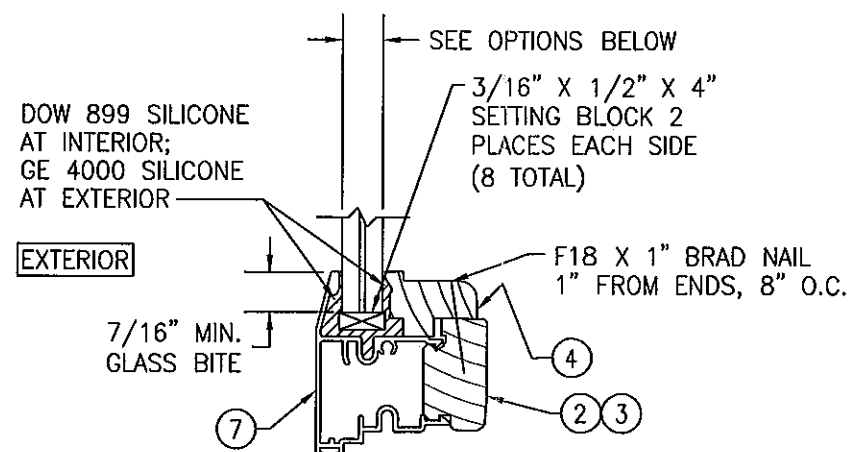
⑪ DRIP CAP



⑫A FRAME CLAD CORNER KEY

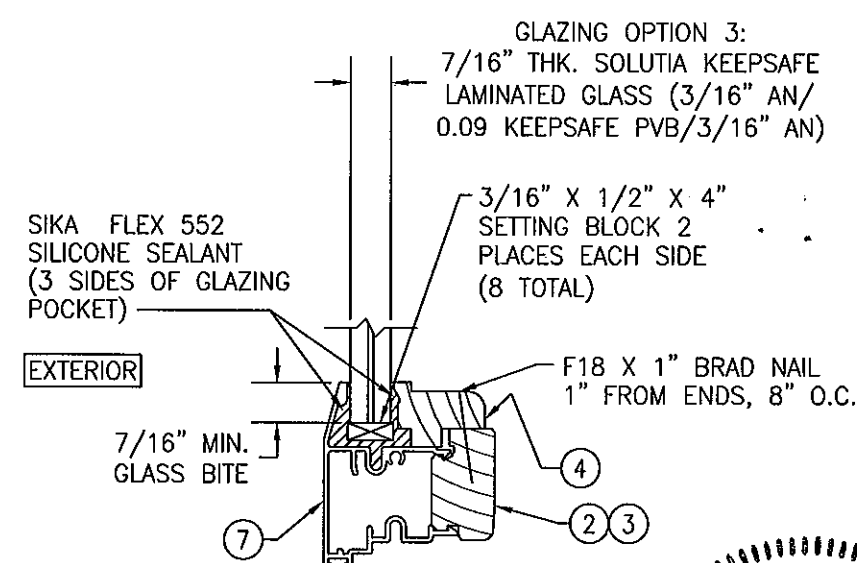


⑫B SASH CLAD CORNER KEY



GLAZING DETAIL 1

- OPTION 1) 9/16" DUPONT SG LAMINATED GLASS (1/4" H.S./0.090" SG/1/4" H.S.)
- OPTION 2) 9/16" SOLUTIA SAFLEX HP LAMINATED GLASS (1/4" H.S./0.10 SAFLEX HP/ 1/4" H.S.)



GLAZING DETAIL 2

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1108-09
Expiration Date 02/13/2013
By [Signature]
Miami Dade Product Control

ITEM #	DRAWING #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1	09-0060-M01	HEAD, SILL & SIDE JAMB	* WOOD
2	09-0248-M01	RAIL	* WOOD
3	09-0249-M01	STILE	* WOOD
4	09-0190-M0196	GLAZING STOP	* WOOD
5	09-0069-M01	COVER	* WOOD
6	XXXX	OPTIONAL "L" COVER	* WOOD
7	04-0012-M01	SASH CLADDING	6063-T5 ALUMINUM
8	04-0016-M01	FRAME CLADDING	6063-T5 ALUMINUM
9	02-0025-M01	SASH SUPPORT BLOCK; 3" LENGTH	PVC; 6" FROM CNR & @ CTR
10	04-0005-M051	MULLION CLIP	6063-T5 ALUMINUM
11	04-A2581	DRIP CAP	6063-T5 ALUMINUM
12A	12-0020-M	FRAME CLAD CORNER KEY	GLASS REINFORCED NYLON
12B	12-0025-M	SASH CLAD CORNER KEY	DIE CAST ZINC
SEALS & SEALANTS			
13	12-0070-M01	SASH, PILE WEATHERSTRIP	-
14	12158	CASEMENT SEAL	AMESBURY GROUP, INC.
FASTENERS			
15	-	F16 X 1 1/4" BRAD NAIL	3" FROM ENDS & 15" MAX. O.C.
16	-	1/2" X 1/2" STAPLES	6" FROM ENDS & 15" MAX. O.C.
17	-	NO. 6 X 3/8" PH SMS	3" FROM ENDS & @ 3RD PTS
18	-	NO. 8 X 2" WOOD SCREW	3 3/4" FROM ENDS & 10" O.C.
19	-	NO. 8 X 2" DRYWALL SCREW	3" FROM ENDS & 12" MAX. O.C.
20	-	1/2" X 1 7/8" 16 GA. STAPLE GALVANIZED STEEL	AS REQUIRED TO HOLD COVER IN PLACE

* WOOD USED IN TESTING WAS WESTERN PINE. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.43 AND MODULUS OF ELASTICITY OF 1,200,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY WEATHER SHIELD TO SELECT.

DRAWN BY: J.C.F.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 03/21/02
DATE	BY
REVISION DESCRIPTION	NO.
LEGACY ALUMINUM CLAD WOOD FIXED CASEMENT IMPACT WINDOW	
MANUFACTURER WEATHER SHIELD WINDOWS & DOORS ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451 715-748-6555	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
DRAWING TITLE LEGACY ALUMINUM CLAD WOOD FIXED CASEMENT IMPACT WINDOW	
NOV 01 2011 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1071	REV. C
SHEET NO. 3 OF 4	

9/16" SENTRY GLASS PLUS LAMINATED HEAT STRENGTHENED GLASS (GLAZING OPTION 1)																								
(1) SHORT DIMENSION	DESIGN LOAD CAPACITY (PSF)																							
	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG
36"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
42"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
48"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
54"			60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	74.9		
60"							60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0						
63"									60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0						
66"											57.3	71.6	57.3	71.6	57.3	71.6								
72"											52.5	65.6	52.5	65.6										
(1) LONG DIMENSION	48"		54"		58"		60"		72"		84"		96"		100"		108"		120"		132"		144"	

9/16" SOLUTIA SAFLEX HP100 LAMINATED HEAT STRENGTHENED GLASS (GLAZING OPTION 2)																								
(1) SHORT DIMENSION	DESIGN LOAD CAPACITY (PSF)																							
	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG
36"	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0
42"	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0
48"	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0
54"			55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0		
60"							55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0						
63"									55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0	55.0	67.0						
66"											52.5	64.0	52.5	64.0	52.5	64.0	52.5	64.0						
72"											48.1	58.6	48.1	58.6										
(1) LONG DIMENSION	48"		54"		58"		60"		72"		84"		96"		100"		108"		120"		132"		144"	

7/16" SOLUTIA KEEPSAFE LAMINATED ANNEALED GLASS (GLAZING OPTION 3)																								
(1) SHORT DIMENSION	DESIGN LOAD CAPACITY (PSF)																							
	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG
30"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
36"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
42"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0		
48"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0												
54"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0														
60"			60.0	75.0	60.0	75.0																		
(1) LONG DIMENSION	54"		60"		66"		72"		77"		84"		90"		96"		99"		102"		108"		120"	

TABLE NOTES:

- (1) ALL WINDOW DIMENSION VALUES SHOWN ARE +/-1/2" & ARE FRAME (F.H. & F.W.) DIMENSIONS
- (2) THOSE SIZES WITH LOADS LISTED ARE MAXIMUM ALLOWABLE SIZES AT THAT LOAD. IF NO LOAD IS LISTED FOR A GIVEN SIZE, THAT SIZE EXCEEDS ALLOWABLE AND IS NOT ACCEPTABLE.

FRAME CORNER CONTRUCTION

AT EACH CORNER THE WOOD FRAME MEMBERS ARE COPED, SEALED WITH GE 2801 SILGLAZE THEN BUTTED TOGETHER AND MECHANICALLY FASTENED USING THREE (3) 1/2" X 1 1/2" LONG 16 GA. GALVANIZED STEEL STAPLES.

AT EACH CORNER THE ALUMINUM FRAME CLADDING MEMBERS ARE MITER CUT, SEALED, BUTTED TOGETHER AND MECHANICALLY FASTENED USING ONE (1) NO. 7 X 3/8" FH UNDERCUT FASTENER. THE FRAME CLAD CORNERS ARE REINFORCED WITH AN INSERTED GLASS FILLED CORNER KEY. A PSA1 CLOSED CELL FOAM CORNER GASKET IS APPLIED AT EACH FRAME CORNER SEALING THE JOINT BETWEEN ADJOINING MEMBERS.

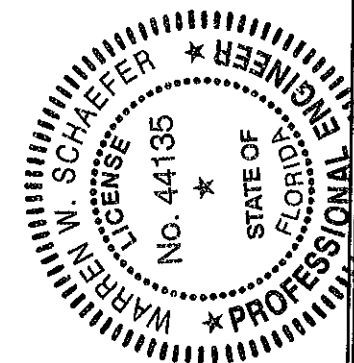
SASH CORNER CONSTRUCTION

AT EACH CORNER THE WOOD SASH MEMBERS ARE COPED, SEALED WITH GE 2801 SILGLAZE THEN BUTTED TOGETHER AND MECHANICALLY FASTENED USING ONE (1) F16 X 1 3/4" FINISH NAIL.

AT EACH CORNER THE ALUMINUM SASH CLADDING MEMBERS ARE MITER CUT, SEALED, BUTTED TOGETHER AND MECHANICALLY FASTENED USING TWO (2) NO. 6 X 1 1/4" PILOT POINT SCREWS. THE SASH CLAD CORNERS ARE REINFORCED WITH AN INSERTED ZINC DIE CAST CORNER KEY.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1108.07
Expiration Date 02/13/2013

By *[Signature]*
Miami Dade Product Control



DRAWN BY: J.C.F.		CHECKED BY: W.W.S.	
PLOT: 1-2		DATE: 03/21/02	
DATE	BY	REVISION DESCRIPTION	NO.
LEGACY ALUMINUM CLAD WOOD FIXED CASEMENT IMPACT WINDOW			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER WEATHER SHIELD WINDOWS & DOORS ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451 715-748-6555	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE 561-744-3424		NOV 01 2011 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1071	REV. C	SHEET NO. 4 OF 4	